



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATXMEGA32D3-AN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA32D3-AN                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 64TQFP                                                                                |
|                     |  1.ATXMEGA32D3-AN.pdf       |
|                     |  2.ATXMEGA32D3-AN.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

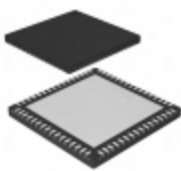
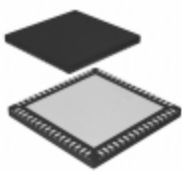
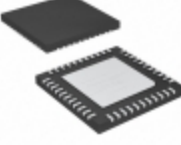
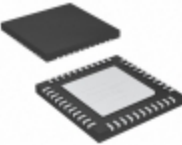
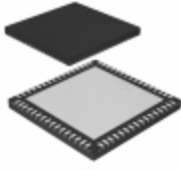
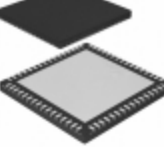
Specifications of ATXMEGA32D3-AN

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA32D3-AN                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64TQFP                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| DATA SHEET                       |  1.ATXMEGA32D3-AN.pdf<br> 2.ATXMEGA32D3-AN.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                                                                                                                                      |
| SPEED                            | 32MHz                                                                                                                                                                                                                |
| SERIES                           | AVR® XMEGA® D3                                                                                                                                                                                                       |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                |
| PACKAGING                        | Tray                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 50                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| EEPROM SIZE                      | 1K x 8                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | AVR AVR® XMEGA® D3 Microcontroller IC 8/16-Bit 32MHz 32KB (16K x 16) FLASH 64-TQFP (14x14)                                                                                                                           |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                                                                                                                           |
| CORE SIZE                        | 8/16-Bit                                                                                                                                                                                                             |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                                                                                                                           |
| BASE PART NUMBER                 | ATXMEGA32                                                                                                                                                                                                            |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA32D3-AN | ATXMEGA32D3-AN Distributor             | ATXMEGA32D3-AN Supplier                               |
| ATXMEGA32D3-AN Price                         | ATXMEGA32D3-AN Pictures                | ATXMEGA32D3-AN Image                                  |
| ATXMEGA32D3-AN PDF Datasheet                 | ATXMEGA32D3-AN Download Datasheet      | ATXMEGA32D3-AN Datasheet                              |
| ATXMEGA32D3-AN Stock                         | Buy ATXMEGA32D3-AN                     | Buy Micrel / Microchip Technology ATXMEGA32D3-AN      |
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Related Products

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|  <div><b>ATXMEGA32D3-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATXMEGA32D3-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 206 pcs<br/><div>RFQ</div></div>     |
|  <div><b>ATXMEGA32C4-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 94 pcs<br/><div>RFQ</div></div>     |  <div><b>ATXMEGA32C4-MH</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 638 pcs<br/><div>RFQ</div></div>             |
|  <div><b>ATXMEGA32D3-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>          |  <div><b>ATXMEGA32C4-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATXMEGA32C4-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATXMEGA32C4-MHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
|  <div><b>ATXMEGA32D3-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 41 pcs<br/><div>RFQ</div></div>     |  <div><b>ATXMEGA32D3-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATXMEGA32D3-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATXMEGA32C4-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |